

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091523\
 Data File : BN027723.D
 Acq On : 16 Sep 2023 09:02
 Operator : MA/JU
 Sample : PB155391BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS391

Quant Time: Sep 18 00:49:52 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 16 01:11:24 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

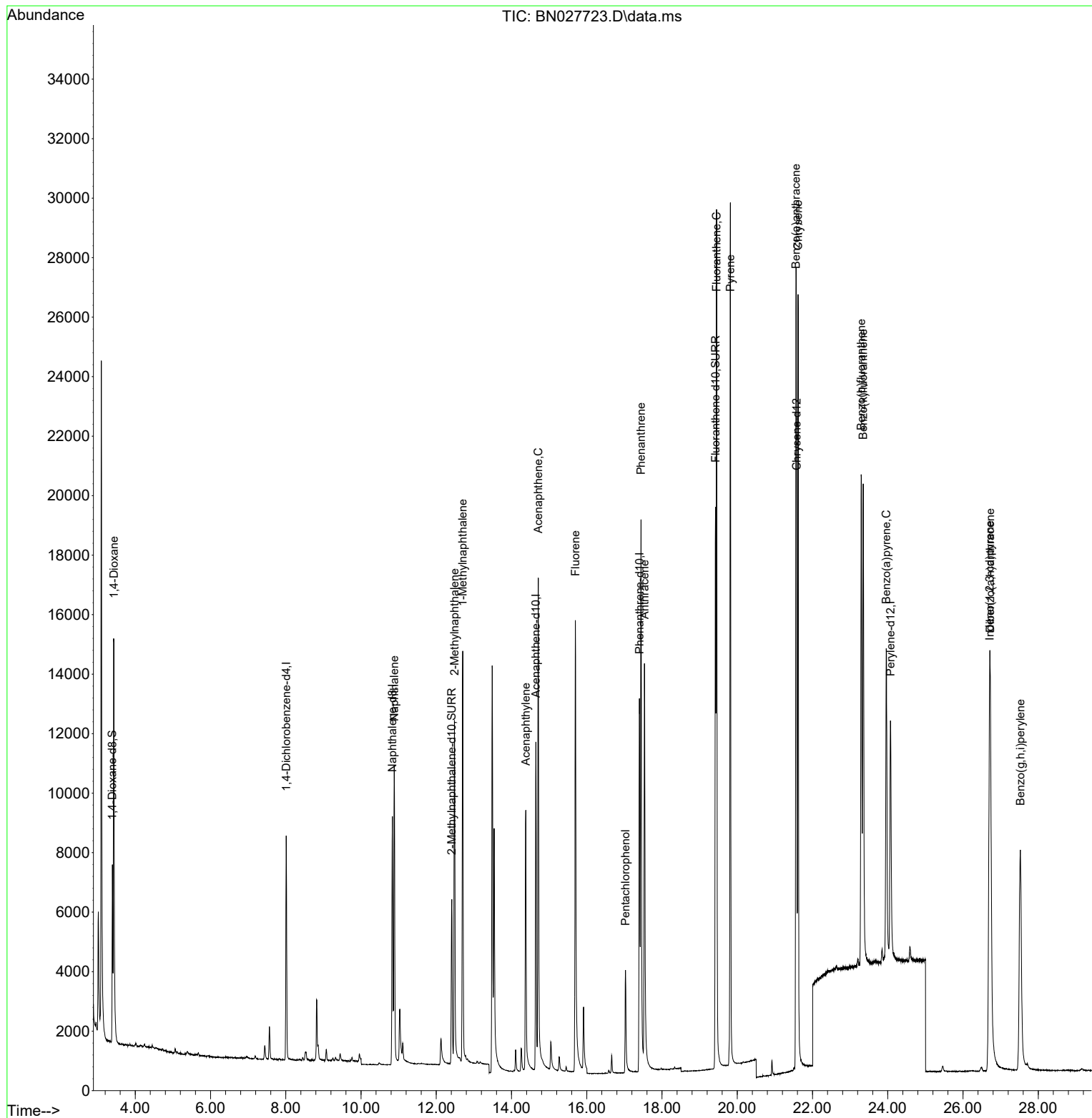
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.013	152	3894	0.400	ng/ul	0.00
4) Naphthalene-d8	10.834	136	12209	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.647	164	6866	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.401	188	16972	0.400	ng/ul	0.00
17) Chrysene-d12	21.580	240	14745	0.400	ng/ul	0.00
23) Perylene-d12	24.073	264	13231	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	4093	0.834	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.412	152	8132	0.440	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	21235	0.472	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.431	88	10239	2.006	ng/ul#	84
5) Naphthalene	10.883	128	14202	0.407	ng/ul	100
7) 2-Methylnaphthalene	12.483	142	8854	0.400	ng/ul	100
8) 1-Methylnaphthalene	12.703	142	9640	0.422	ng/ul	99
10) Acenaphthylene	14.379	152	12444	0.415	ng/ul	99
11) Acenaphthene	14.712	153	10863	0.419	ng/ul	100
12) Fluorene	15.697	166	12727	0.417	ng/ul	99
14) Pentachlorophenol	17.029	266	2785	0.701	ng/ul	99
15) Phenanthrene	17.443	178	22094	0.414	ng/ul	99
16) Anthracene	17.536	178	18227	0.408	ng/ul	99
19) Fluoranthene	19.450	202	25570	0.429	ng/ul	99
20) Pyrene	19.817	202	25831	0.421	ng/ul	99
21) Benzo(a)anthracene	21.559	228	22827	0.400	ng/ul	100
22) Chrysene	21.615	228	24376	0.413	ng/ul	99
24) Benzo(b)fluoranthene	23.296	252	24176	0.410	ng/ul	99
25) Benzo(k)fluoranthene	23.348	252	23616	0.413	ng/ul	99
26) Benzo(a)pyrene	23.959	252	19232	0.405	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.706	276	24066	0.396	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.727	278	19354	0.395	ng/ul	99
29) Benzo(g,h,i)perylene	27.525	276	20680	0.401	ng/ul	99

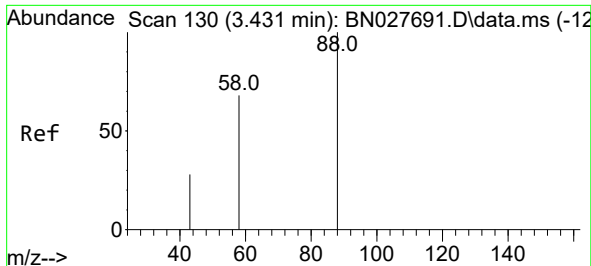
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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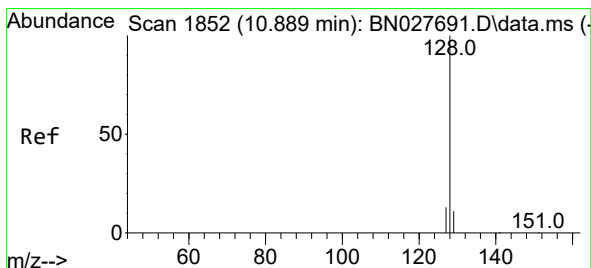
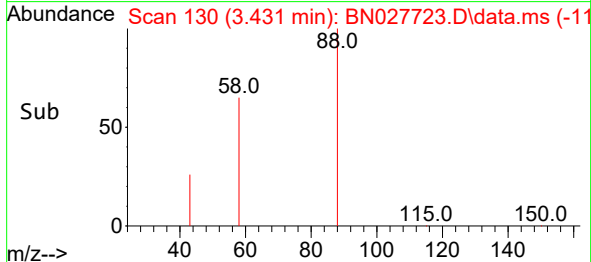
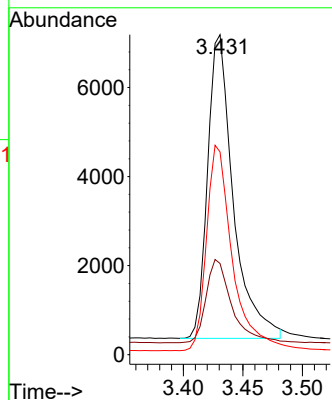
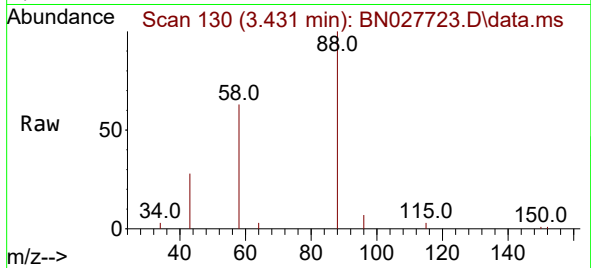




#2
1,4-Dioxane
Concen: 2.006 ng/ul
RT: 3.431 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN027723.D
Acq: 16 Sep 2023 09:02

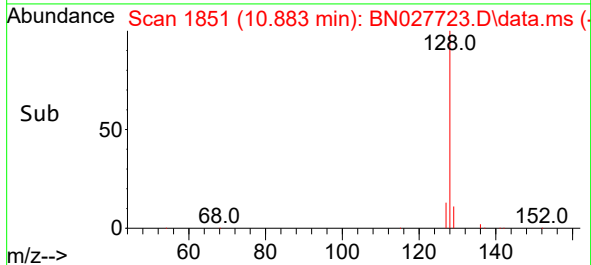
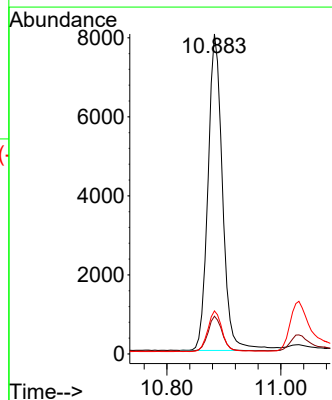
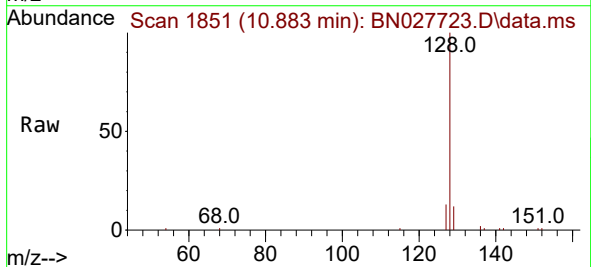
Instrument :
BNA_N
ClientSampleId :
SLCS391

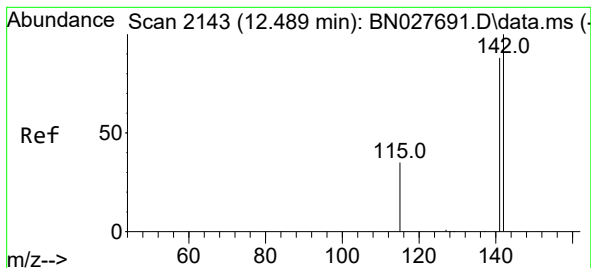
Tgt Ion: 88 Resp: 10239
Ion Ratio Lower Upper
88 100
43 28.5 39.6 59.4#
58 63.4 48.3 72.5



#5
Naphthalene
Concen: 0.407 ng/ul
RT: 10.883 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BN027723.D
Acq: 16 Sep 2023 09:02

Tgt Ion:128 Resp: 14202
Ion Ratio Lower Upper
128 100
129 11.8 9.3 13.9
127 13.5 10.7 16.1

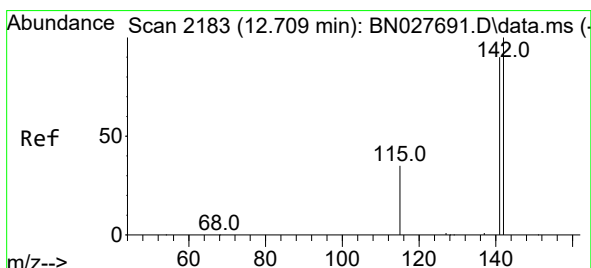
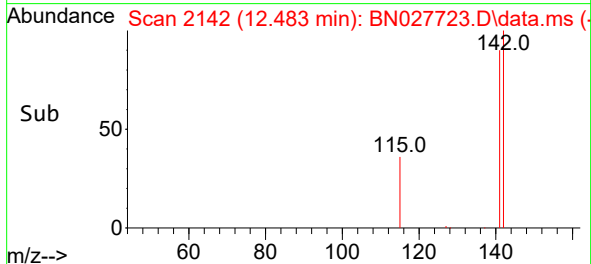
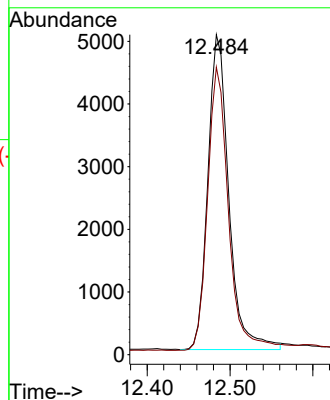
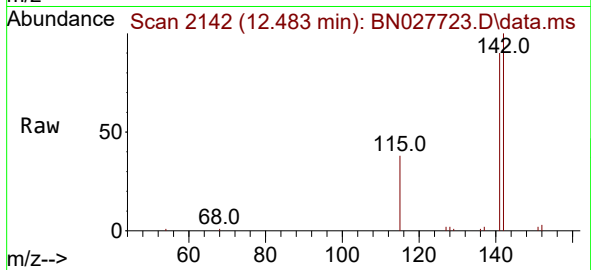




#7
2-Methylnaphthalene
Concen: 0.400 ng/ul
RT: 12.483 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BN027723.D
Acq: 16 Sep 2023 09:02

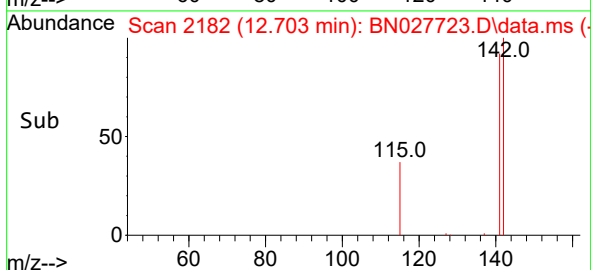
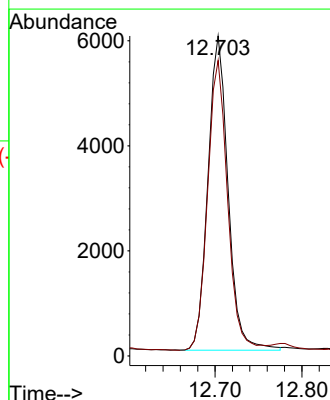
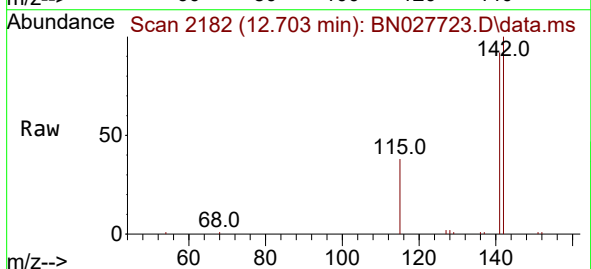
Instrument :
BNA_N
ClientSampleId :
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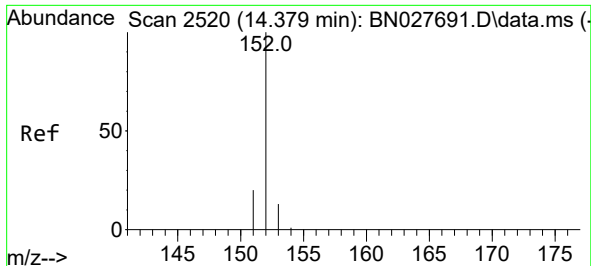
Tgt Ion:142 Resp: 8854
Ion Ratio Lower Upper
142 100
141 89.1 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.422 ng/ul
RT: 12.703 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BN027723.D
Acq: 16 Sep 2023 09:02

Tgt Ion:142 Resp: 9640
Ion Ratio Lower Upper
142 100
141 91.5 72.8 109.2

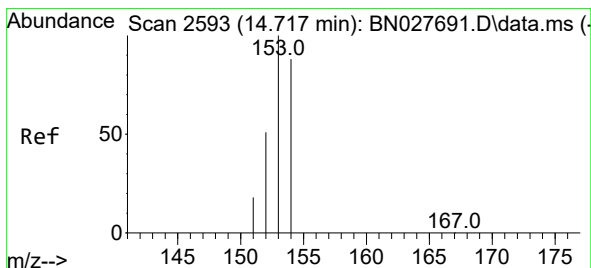
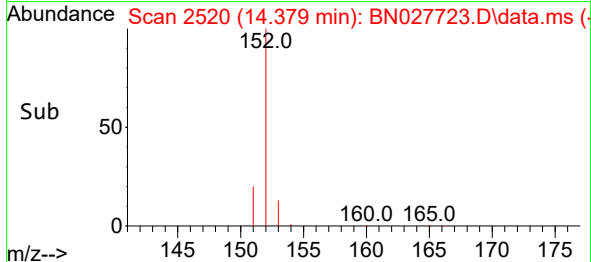
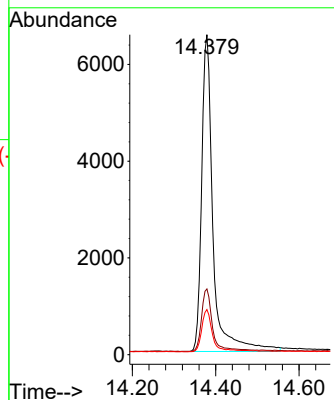
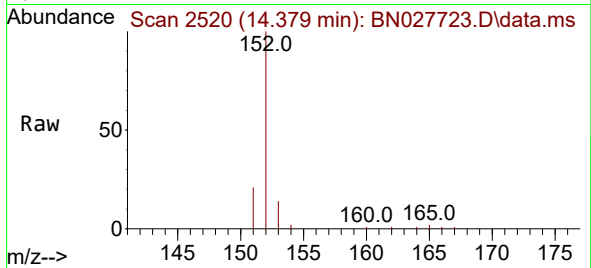




#10
Acenaphthylene
Concen: 0.415 ng/ul
RT: 14.379 min Scan# 2520
Delta R.T. -0.000 min
Lab File: BN027723.D
Acq: 16 Sep 2023 09:02

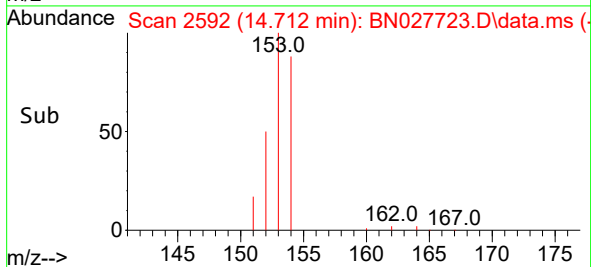
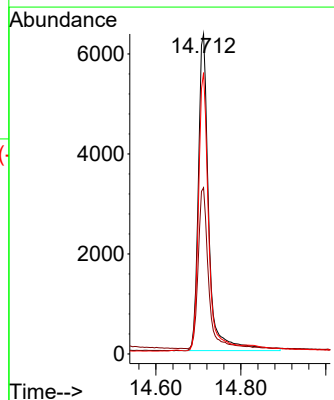
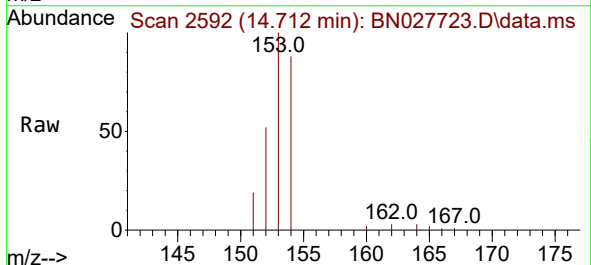
Instrument :
BNA_N
ClientSampleId :
SLCS391

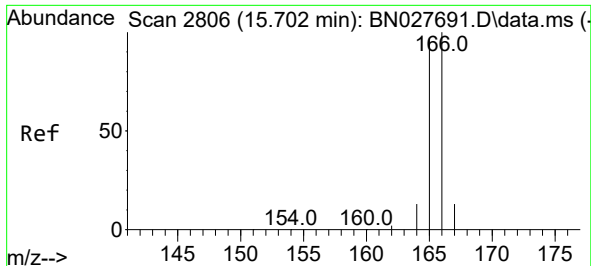
Tgt Ion:152 Resp: 12444
Ion Ratio Lower Upper
152 100
151 20.5 16.6 25.0
153 14.1 11.0 16.6



#11
Acenaphthene
Concen: 0.419 ng/ul
RT: 14.712 min Scan# 2592
Delta R.T. -0.005 min
Lab File: BN027723.D
Acq: 16 Sep 2023 09:02

Tgt Ion:153 Resp: 10863
Ion Ratio Lower Upper
153 100
152 52.0 41.7 62.5
154 87.9 70.3 105.5

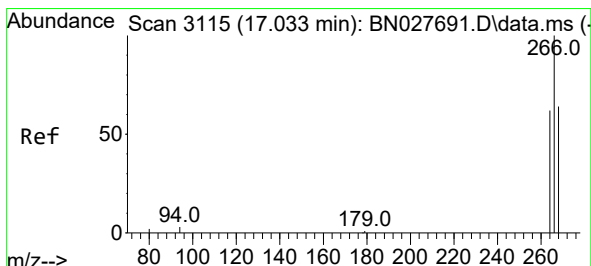
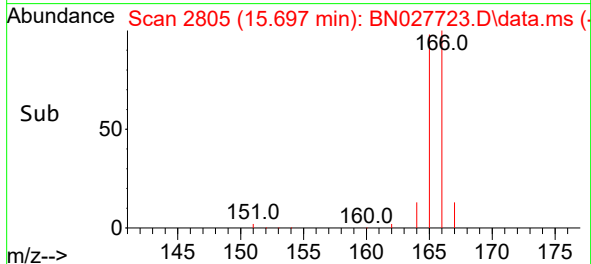
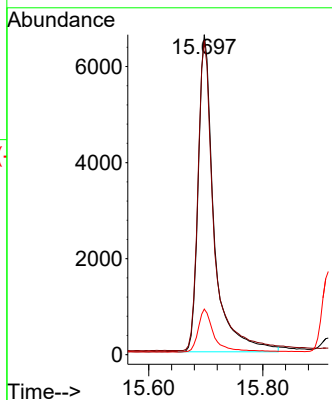
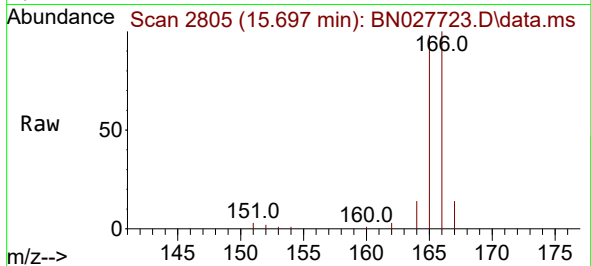




#12
 Fluorene
 Concen: 0.417 ng/ul
 RT: 15.697 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN027723.D
 Acq: 16 Sep 2023 09:02

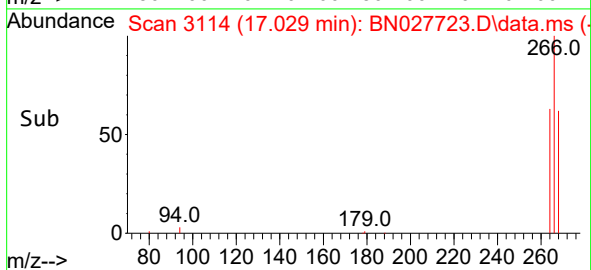
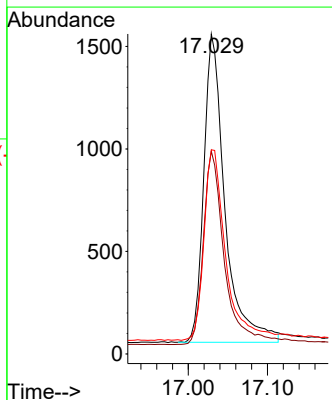
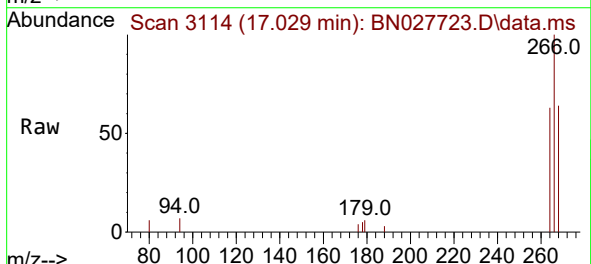
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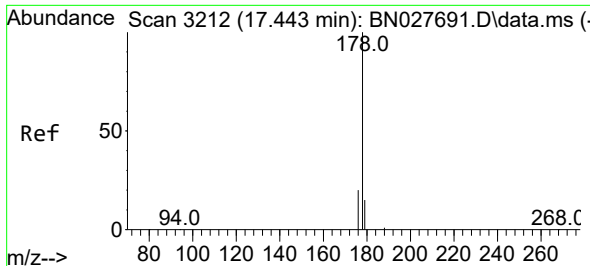
Tgt Ion:166 Resp: 12727
 Ion Ratio Lower Upper
 166 100
 165 98.2 78.0 117.0
 167 14.3 11.4 17.2



#14
 Pentachlorophenol
 Concen: 0.701 ng/ul
 RT: 17.029 min Scan# 3114
 Delta R.T. -0.004 min
 Lab File: BN027723.D
 Acq: 16 Sep 2023 09:02

Tgt Ion:266 Resp: 2785
 Ion Ratio Lower Upper
 266 100
 264 62.6 49.6 74.4
 268 64.0 50.7 76.1

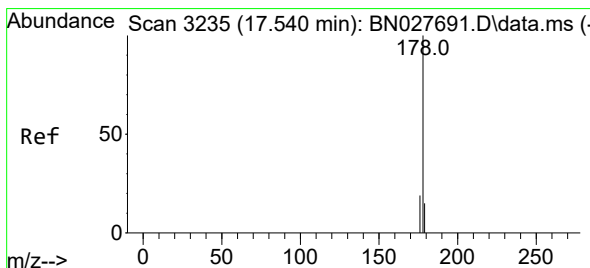
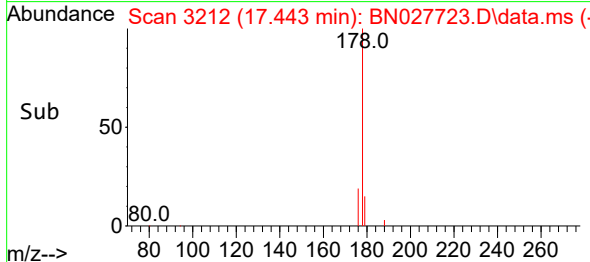
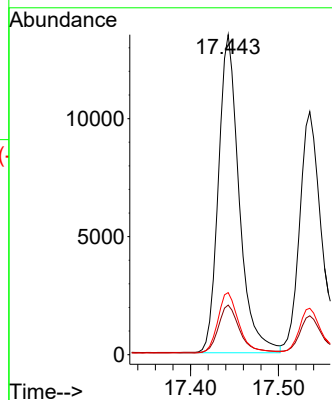
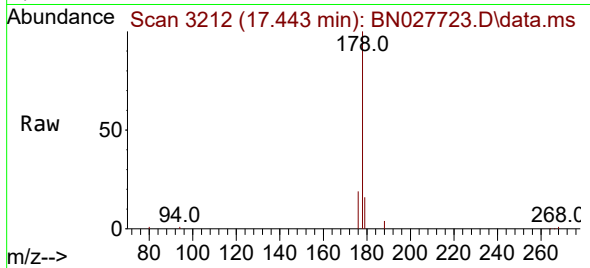




#15
 Phenanthrene
 Concen: 0.414 ng/ul
 RT: 17.443 min Scan# 3212
 Delta R.T. -0.000 min
 Lab File: BN027723.D
 Acq: 16 Sep 2023 09:02

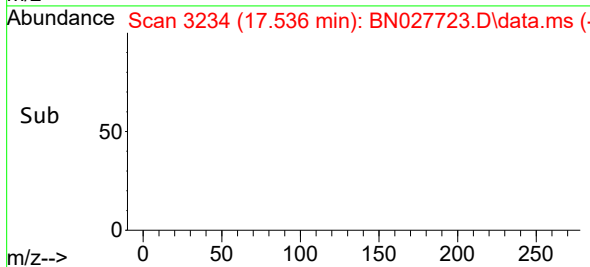
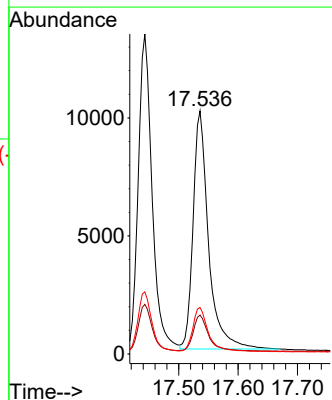
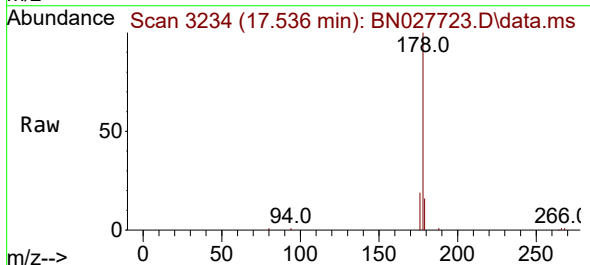
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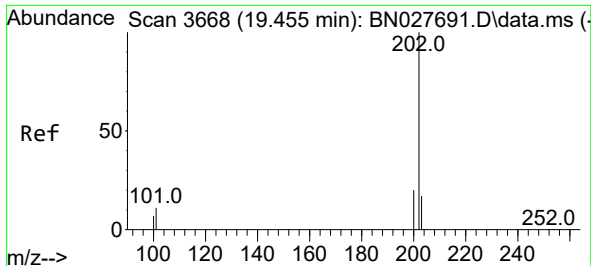
Tgt Ion:178	Resp:	22094
Ion Ratio	Lower	Upper
178	100	
179	15.5	12.4 18.6
176	19.4	16.0 24.0



#16
 Anthracene
 Concen: 0.408 ng/ul
 RT: 17.536 min Scan# 3234
 Delta R.T. -0.004 min
 Lab File: BN027723.D
 Acq: 16 Sep 2023 09:02

Tgt Ion:178	Resp:	18227
Ion Ratio	Lower	Upper
178	100	
179	16.0	12.6 19.0
176	19.1	15.5 23.3

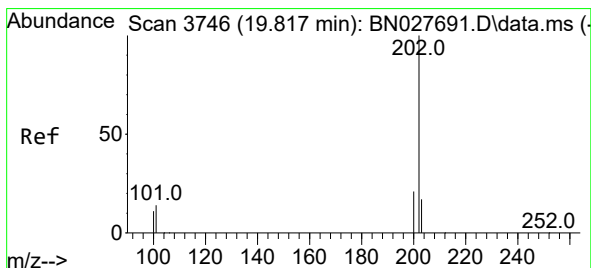
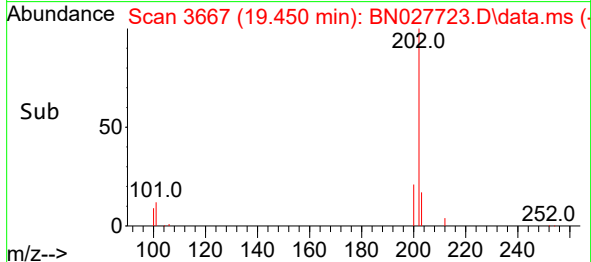
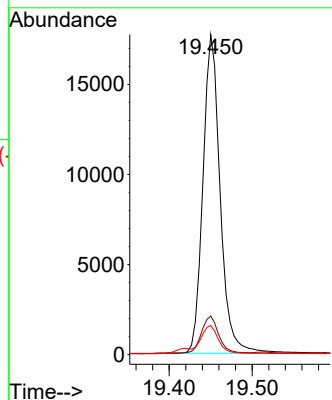
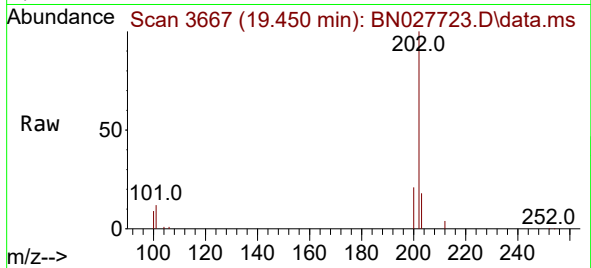




#19
Fluoranthene
Concen: 0.429 ng/ul
RT: 19.450 min Scan# 3668
Delta R.T. -0.005 min
Lab File: BN027723.D
Acq: 16 Sep 2023 09:02

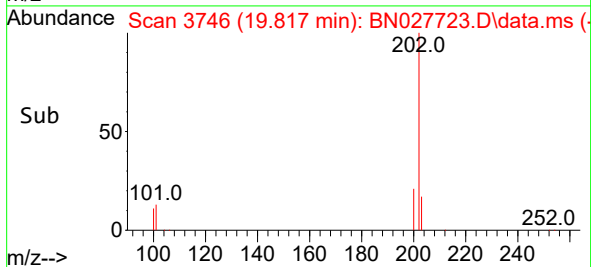
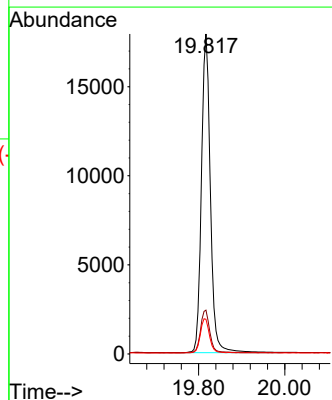
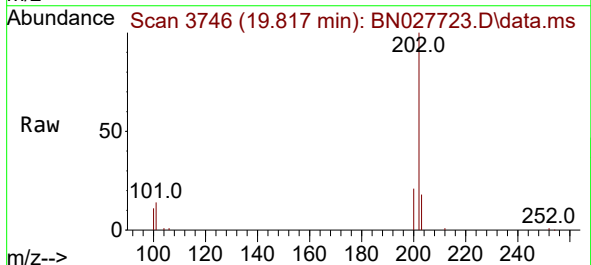
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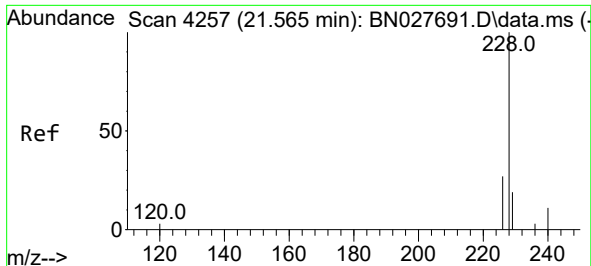
Tgt Ion:202 Resp: 25570
Ion Ratio Lower Upper
202 100
101 12.1 9.3 13.9
100 9.1 7.0 10.4



#20
Pyrene
Concen: 0.421 ng/ul
RT: 19.817 min Scan# 3746
Delta R.T. -0.000 min
Lab File: BN027723.D
Acq: 16 Sep 2023 09:02

Tgt Ion:202 Resp: 25831
Ion Ratio Lower Upper
202 100
101 13.7 11.4 17.0
100 10.8 9.1 13.7

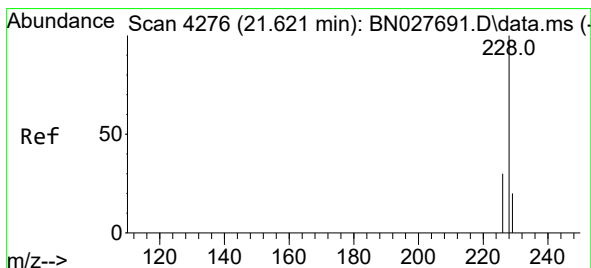
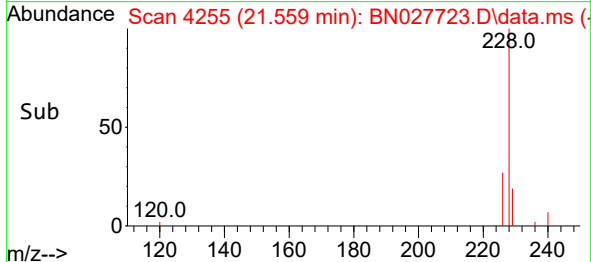
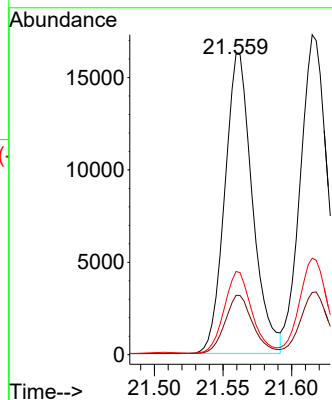
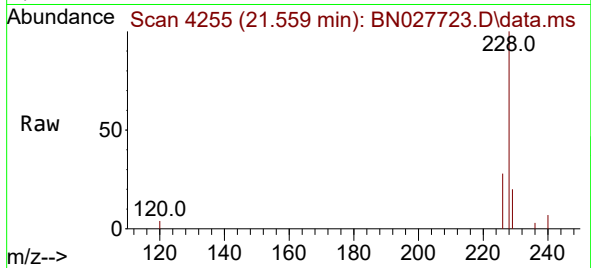




#21
Benzo(a)anthracene
Concen: 0.400 ng/ul
RT: 21.559 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN027723.D
Acq: 16 Sep 2023 09:02

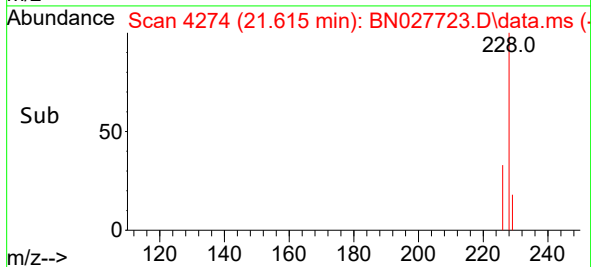
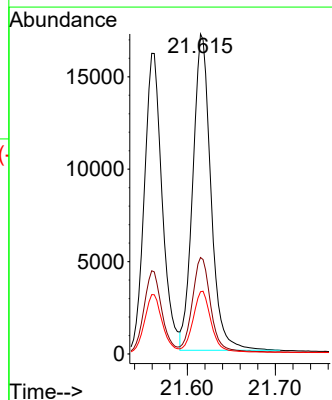
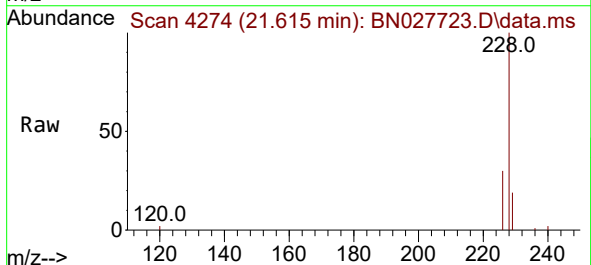
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ClientSampleId :
SLCS391

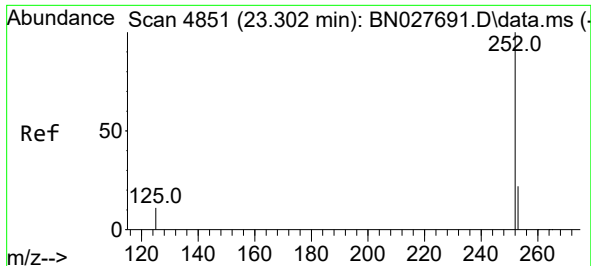
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Ion Ratio Lower Upper
228 100
229 19.7 15.8 23.8
226 27.7 22.0 33.0



#22
Chrysene
Concen: 0.413 ng/ul
RT: 21.615 min Scan# 4274
Delta R.T. -0.006 min
Lab File: BN027723.D
Acq: 16 Sep 2023 09:02

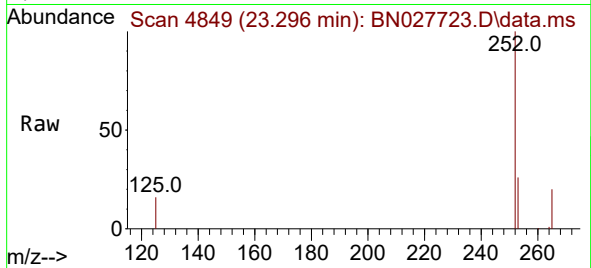
Tgt Ion:228 Resp: 24376
Ion Ratio Lower Upper
228 100
226 30.1 24.5 36.7
229 19.5 16.0 24.0



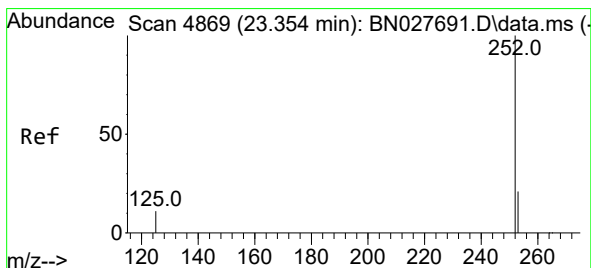
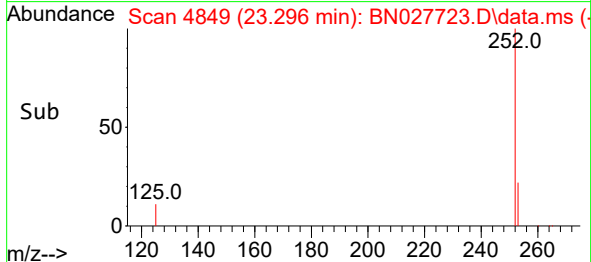
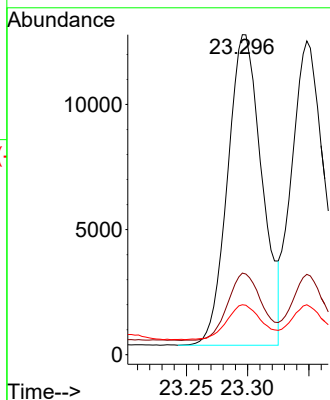


#24
Benzo(b)fluoranthene
Concen: 0.410 ng/ul
RT: 23.296 min Scan# 4849
Delta R.T. -0.006 min
Lab File: BN027723.D
Acq: 16 Sep 2023 09:02

Instrument :
BNA_N
ClientSampleId :
SLCS391

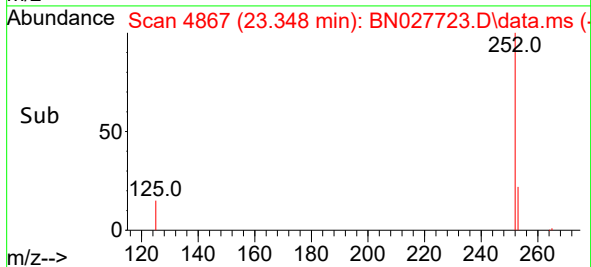
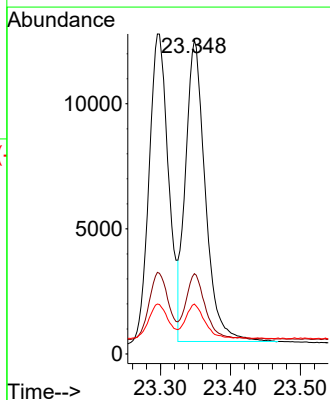
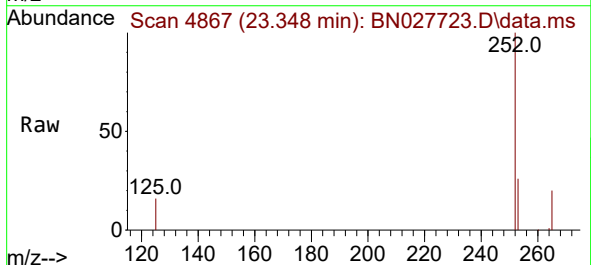


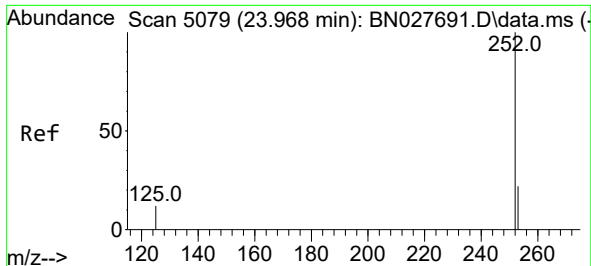
Tgt Ion:252 Resp: 24176
Ion Ratio Lower Upper
252 100
253 25.5 0.0 50.2
125 15.6 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.413 ng/ul
RT: 23.348 min Scan# 4867
Delta R.T. -0.006 min
Lab File: BN027723.D
Acq: 16 Sep 2023 09:02

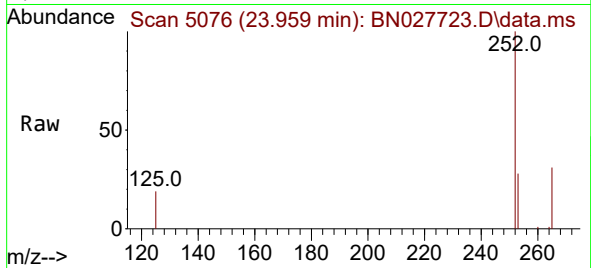
Tgt Ion:252 Resp: 23616
Ion Ratio Lower Upper
252 100
253 25.6 19.9 29.9
125 15.9 12.6 19.0



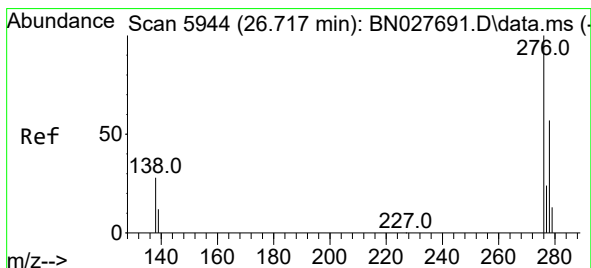
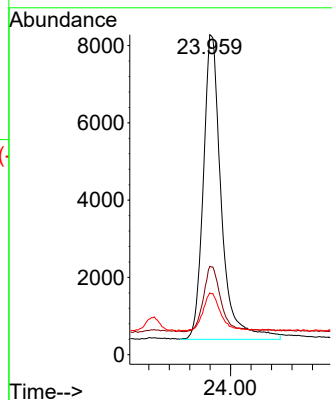
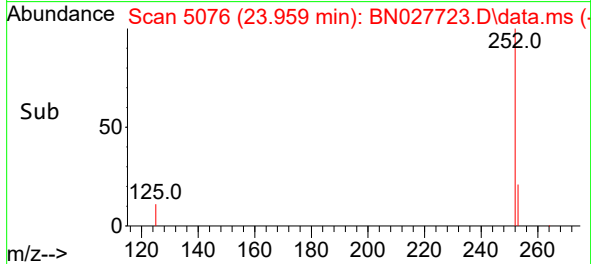


#26
Benzo(a)pyrene
Concen: 0.405 ng/ul
RT: 23.959 min Scan# 5076
Delta R.T. -0.009 min
Lab File: BN027723.D
Acq: 16 Sep 2023 09:02

Instrument :
BNA_N
ClientSampleId :
SLCS391

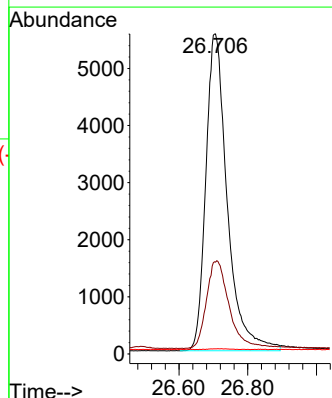
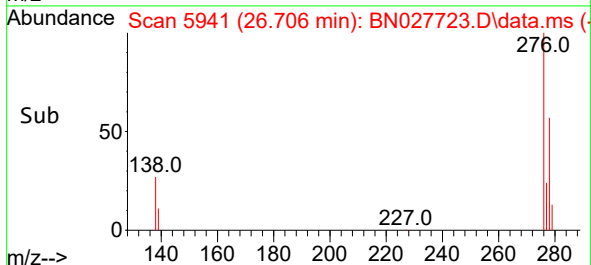
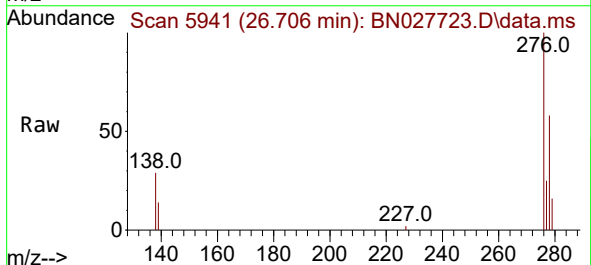


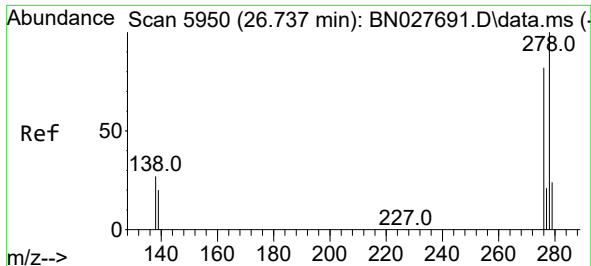
Tgt Ion:	252	Resp:	19232
Ion Ratio	Lower	Upper	
252	100		
253	27.6	21.9	32.9
125	19.3	15.5	23.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.396 ng/ul
RT: 26.706 min Scan# 5941
Delta R.T. -0.010 min
Lab File: BN027723.D
Acq: 16 Sep 2023 09:02

Tgt Ion:	276	Resp:	24066
Ion Ratio	Lower	Upper	
276	100		
138	29.5	24.3	36.5
227	0.2	0.0	0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.395 ng/ul

RT: 26.727 min Scan# 5947

Delta R.T. -0.010 min

Lab File: BN027723.D

Acq: 16 Sep 2023 09:02

Instrument :

BNA_N

ClientSampleId :

SLCS391

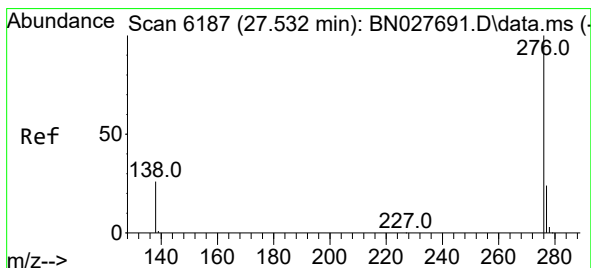
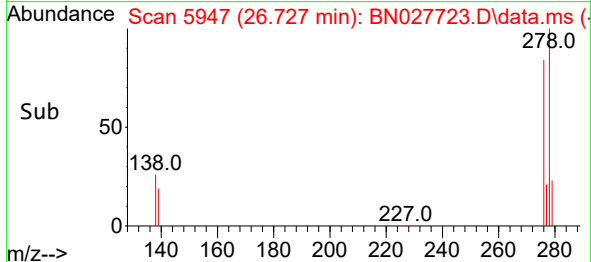
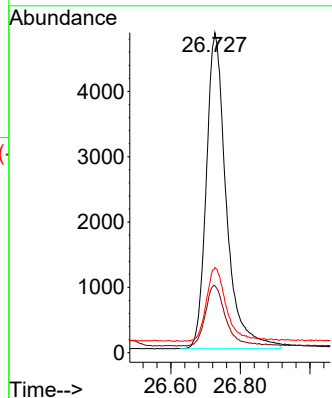
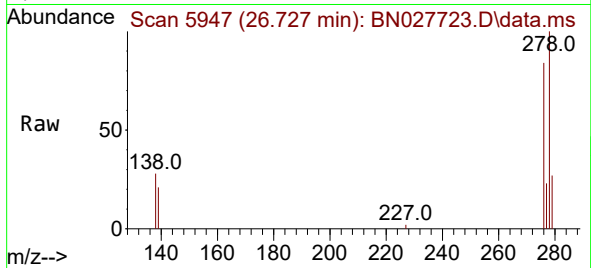
Tgt Ion:278 Resp: 19354

Ion Ratio Lower Upper

278 100

139 20.9 17.2 25.8

279 26.6 21.4 32.0



#29

Benzo(g,h,i)perylene

Concen: 0.401 ng/ul

RT: 27.525 min Scan# 6185

Delta R.T. -0.007 min

Lab File: BN027723.D

Acq: 16 Sep 2023 09:02

Tgt Ion:276 Resp: 20680

Ion Ratio Lower Upper

276 100

138 27.4 21.7 32.5

277 24.9 20.2 30.2

